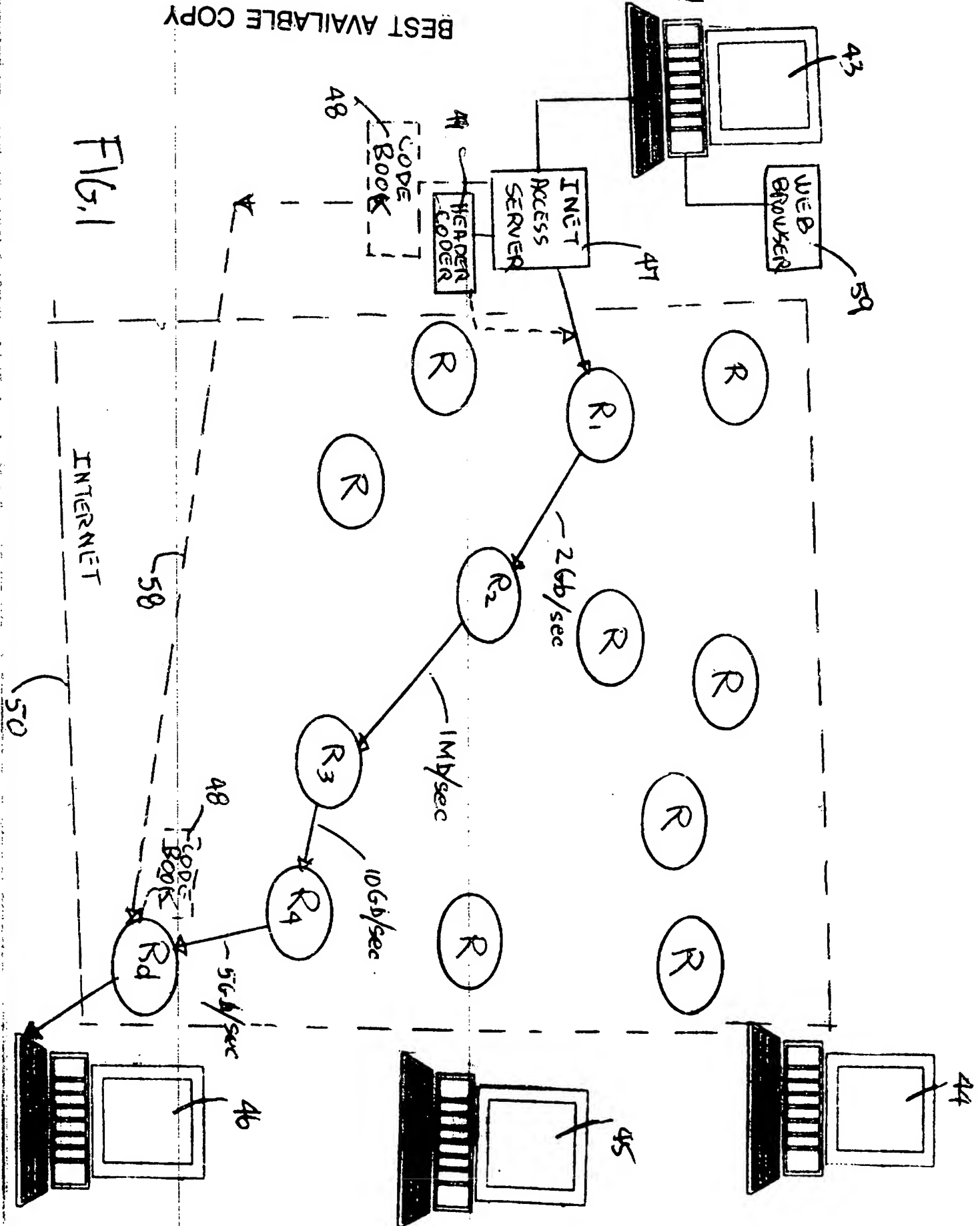


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FIG. 1





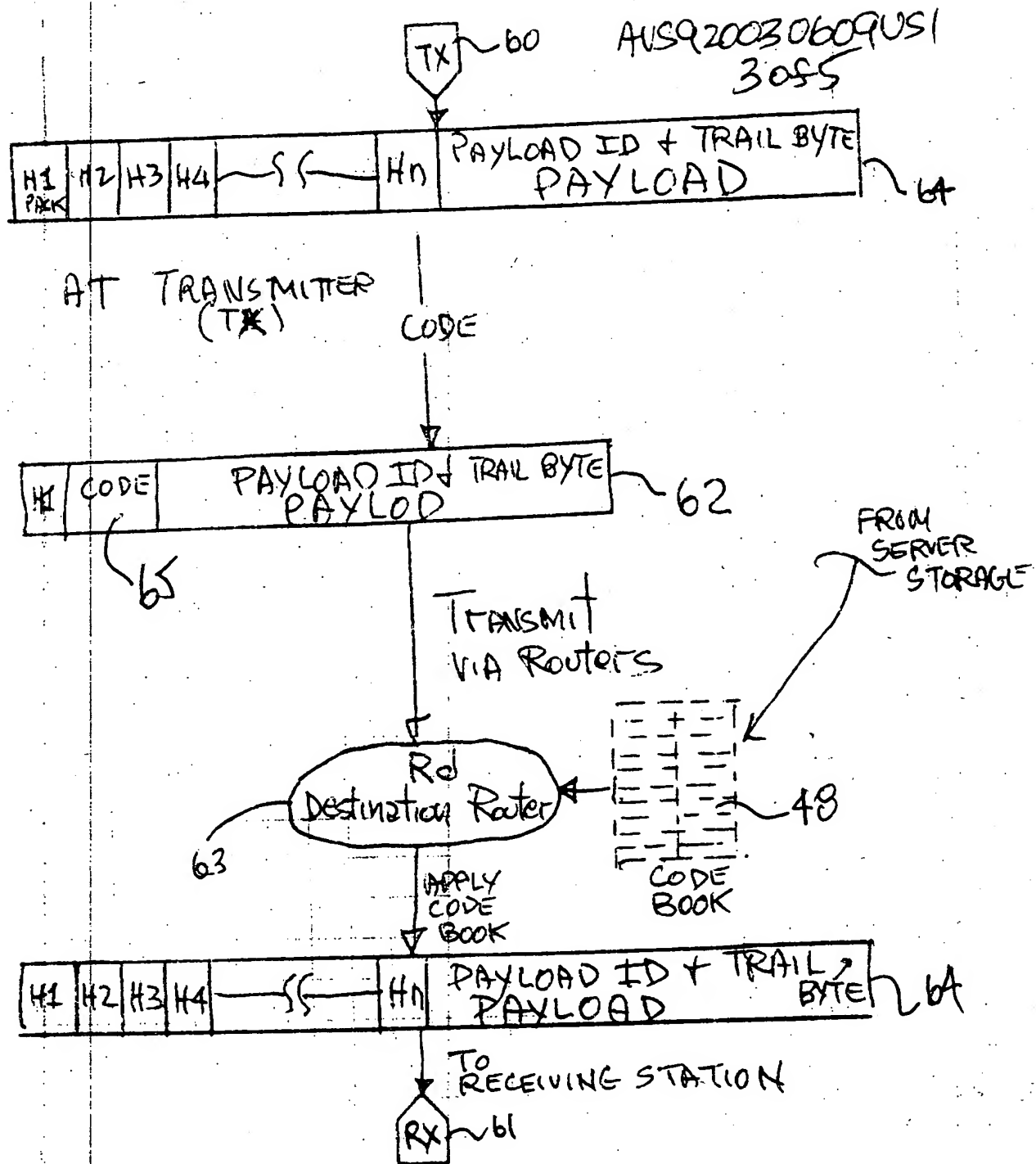


FIG. 3

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PROVIDE A COMMUNICATIONS NETWORK WHEREIN DATA PACKETS ARE MOVED FROM A TRANSMITTING STATION (TX) TO A RECEIVING STATION VIA A SEQUENCE OF ROUTERS

EACH DATA PACKET INCLUDES THE PACKET PAYLOAD AND A SEQUENCE OF AN ADDRESS HEADER AND A PLURALITY OF OTHER HEADERS

PROVIDE FOR THE SUBSTITUTION OF A CODE REPRESENTATION OF THE HEADERS IN A PACKET DERIVED FROM A CODE BOOK FOR ALL OF THE HEADERS EXCEPT THE ADDRESS HEADER

PROVIDE FOR AN IMPLEMENTATION FOR DERIVING FROM THE ADDRESS OF THE PACKET OF STEP 73 THE DESTINATION ROUTER FOR THE ADDRESSED RECEIVING STATION (RX)

PROVIDE AN IMPLEMENTATION FOR FORWARDING THE CODE BOOK TO THE DESTINATION ROUTER OF STEP 74

USING CONVENTIONAL PACKET SWITCHING OR CIRCUIT SWITCHING PROTOCOLS, PROVIDE FOR THE DETERMINATION OF AN APPROPRIATE PATH THROUGH A PLURALITY OF ROUTERS FROM TX TO RX

PROVIDE FOR TRANSMISSION OF THE PACKET AND CODE OF STEP 73 THROUGH THE ROUTER PATH TO THE DESTINATION ROUTER

PROVIDE FOR THE CONVERSION OF THE CODE REPRESENTATION BACK TO THE ORIGINAL PLURALITY OF HEADERS USING THE CODE BOOK AT THE DESTINATION ROUTER

PROVIDE FOR THE TRANSMISSION OF THE ORIGINAL PACKET INCLUDING ALL OF THE HEADERS TO THE RECEIVING STATION (RX)

END

FIG. 4

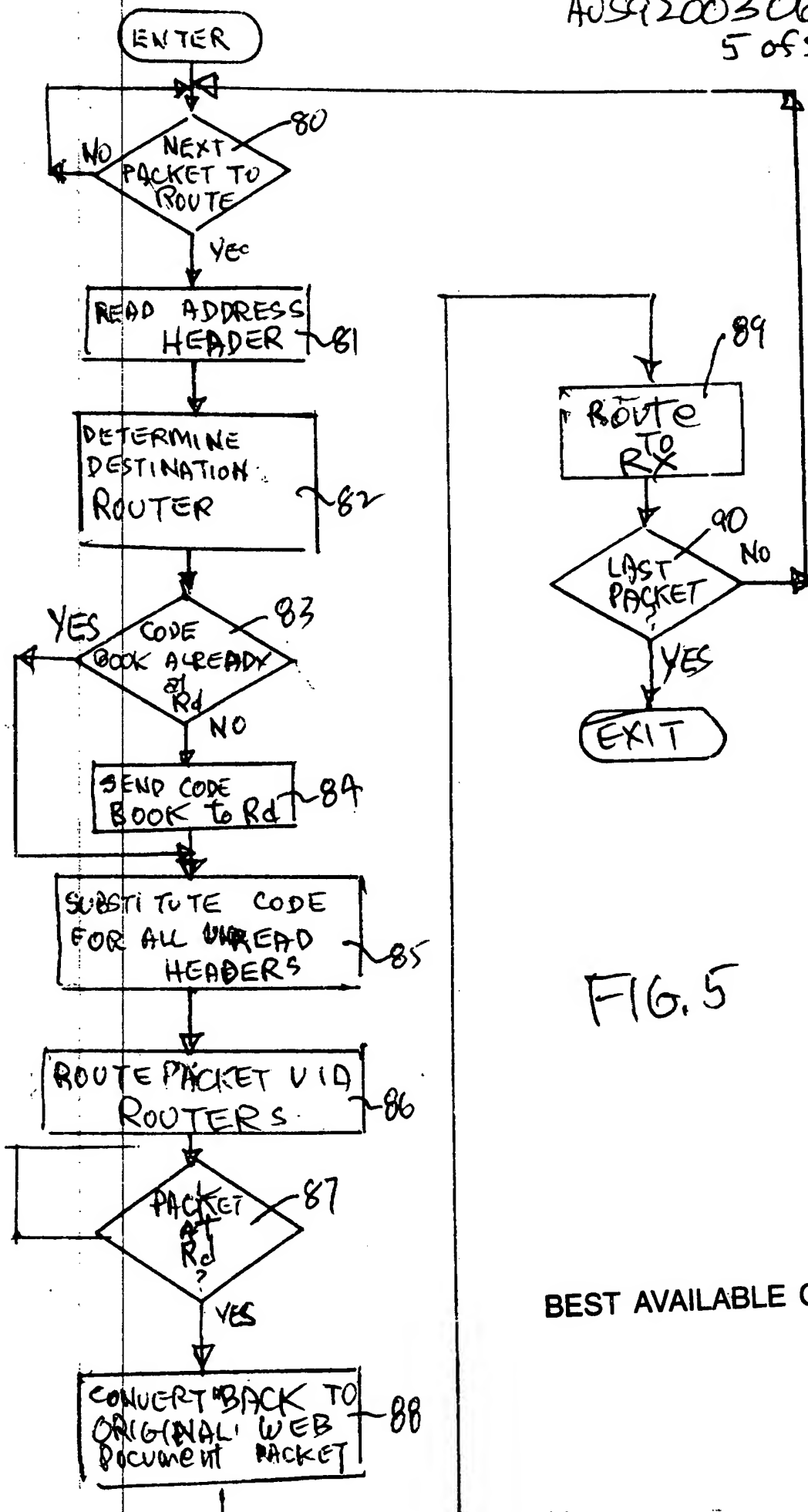


FIG. 5